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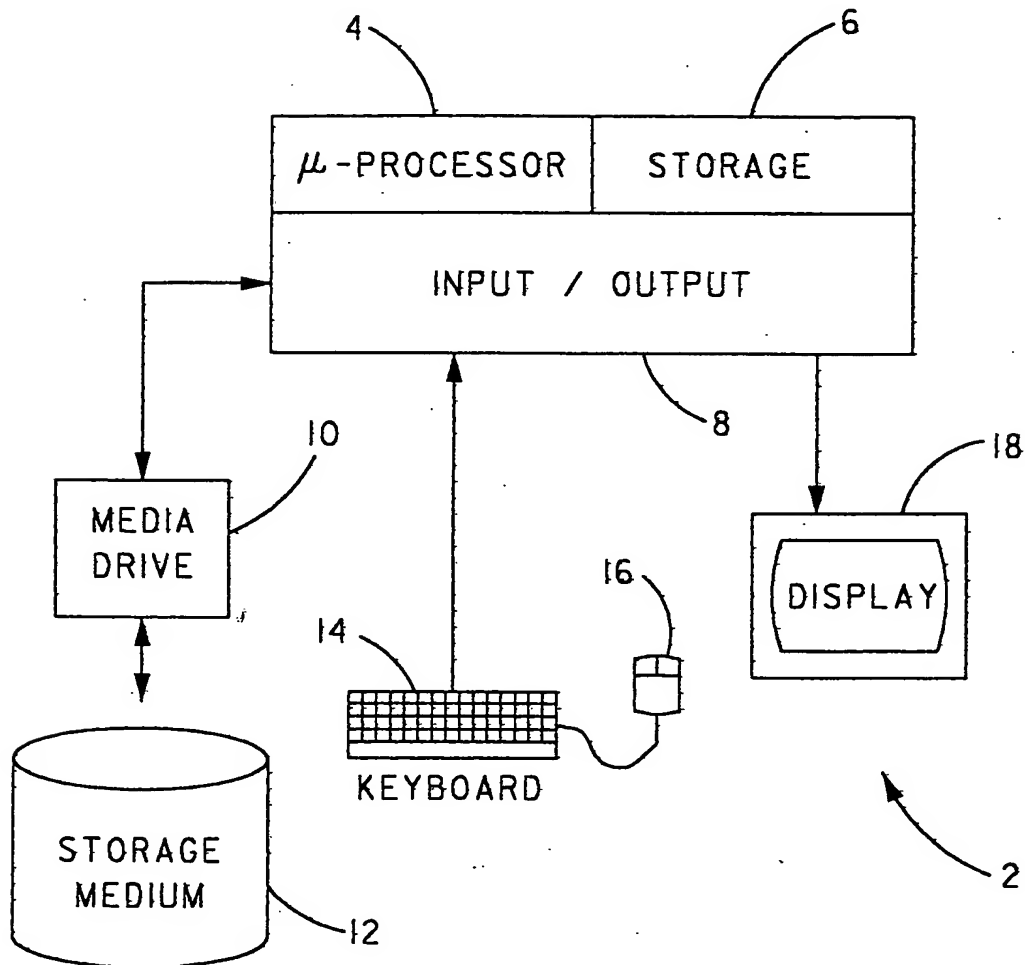


FIG. 1

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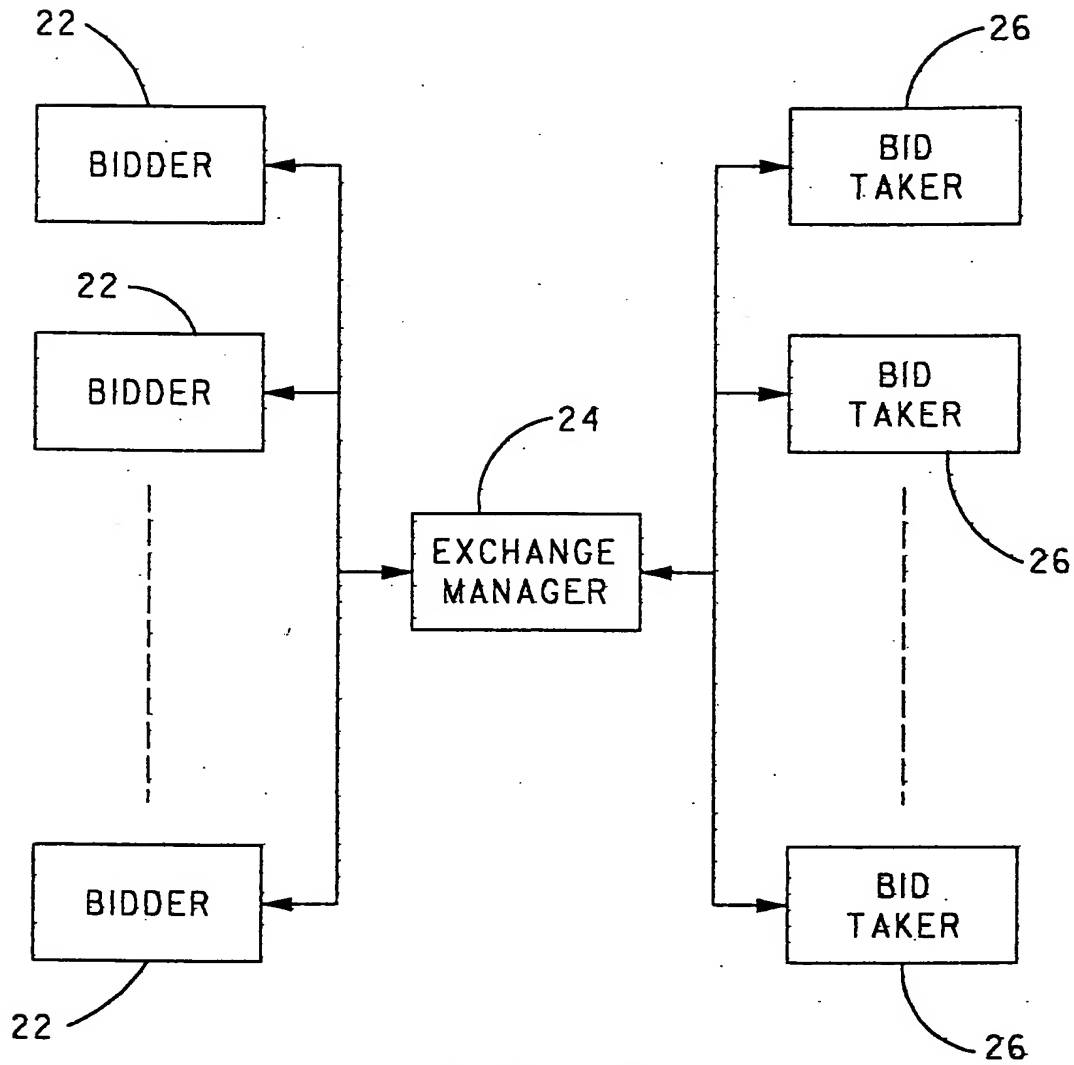


FIG. 2

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50		54-1	
BID			
ITEM		QUANTITY	PRICE
52-1	I1	Q1	56 P(\$)
52-2	I2	Q2	
52-3	I3	Q3	
	⋮	⋮	
52-N	IN	QN	
		54-2	54-3
		54-N	
BIDDER EXCHANGE DESCRIPTION DATA (EDD) 58			

FIG. 3

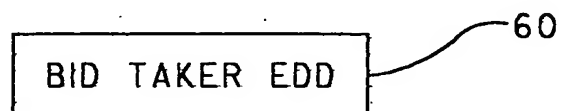


FIG. 4

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The interface is a rectangular window with a title bar at the top. The title bar contains three fields: 'ITEM= I1' (labeled 50), 'QUANTITY=10' (labeled 52-1), and 'PRICE=\$100.00' (labeled 54-1). Below the title bar is a large content area (labeled 56) containing several sections. The first section has three boxes: 'RESERVE PRICE = \$7.00' (labeled 72), 'FREE DISPOSAL = 5' (labeled 70), and 'ACTION = BUY' (labeled 74). The second section is titled 'ITEM ATTRIBUTE COLOR(S)' and contains three stacked boxes: 'RED', 'GREEN', and 'BLUE' (collectively labeled 78-1). The third section is titled 'ITEM ATTRIBUTE WEIGHT' and contains two stacked boxes: 'MIN= 10.0 kg' and 'MAX= 14.0 kg' (collectively labeled 78-2). The fourth section is titled 'ITEM ATTRIBUTE CITY' and contains one box: 'ALPHANUMERIC STRING' (labeled 78-3). Below these sections are two more boxes: 'ITEM ADJUSTMENT VALUE = \$2 WHEN COLOR = GREEN' (labeled 84-1) and 'ITEM ADJUSTMENT VALUE = \$1 WHEN WEIGHT ≥ 11.0 kg' (labeled 84-2). The entire content area is labeled 58.

ITEM= I1	QUANTITY=10	PRICE=\$100.00
----------	-------------	----------------

RESERVE PRICE = \$7.00

FREE DISPOSAL = 5

ACTION = BUY

ITEM ATTRIBUTE COLOR(S)

RED

GREEN

BLUE

ITEM ATTRIBUTE WEIGHT

MIN= 10.0 kg

MAX= 14.0 kg

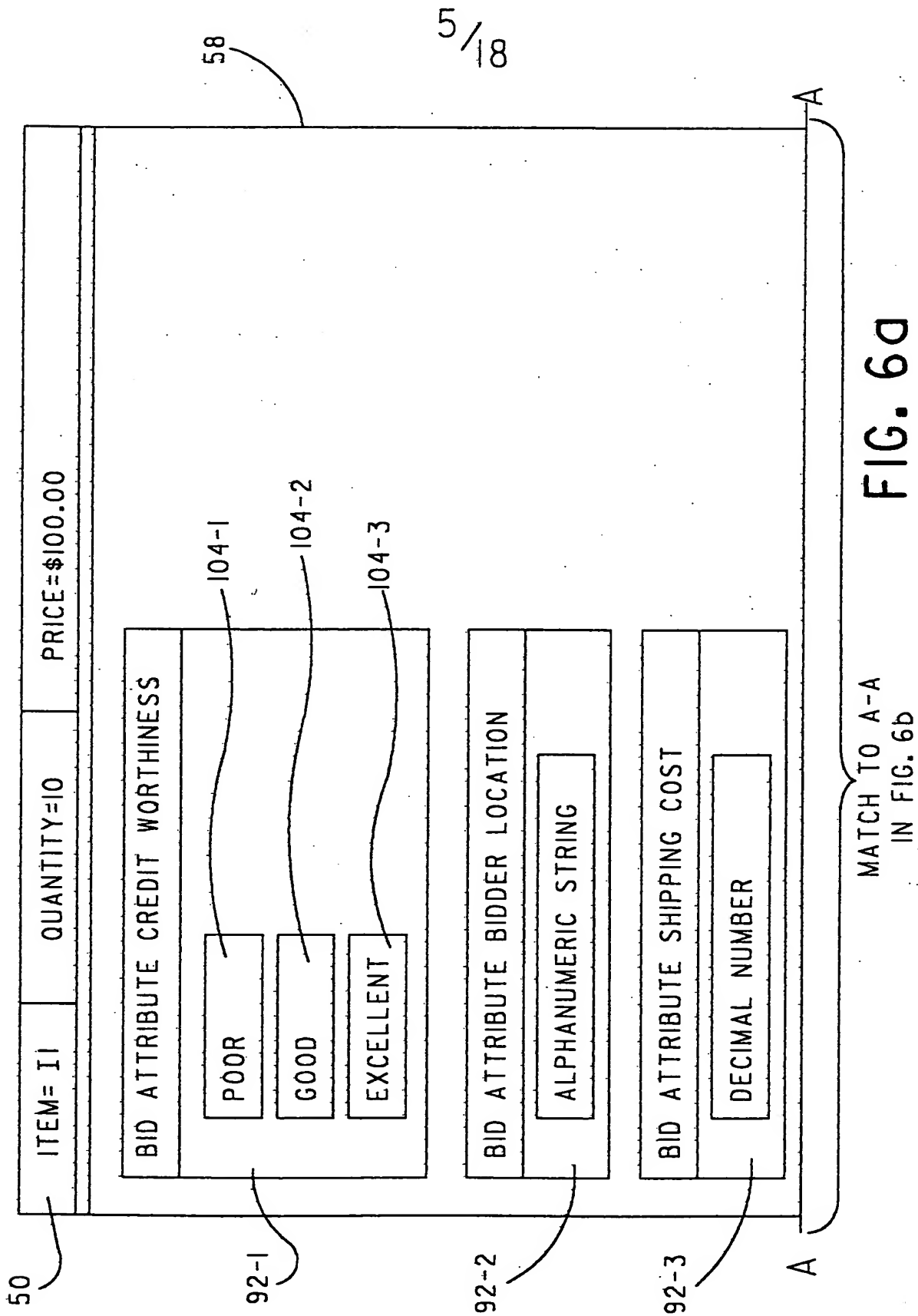
ITEM ATTRIBUTE CITY

ALPHANUMERIC STRING

ITEM ADJUSTMENT VALUE = \$2 WHEN COLOR = GREEN

ITEM ADJUSTMENT VALUE = \$1 WHEN WEIGHT ≥ 11.0 kg

FIG. 5



MATCH TO A-A
IN FIG. 6a

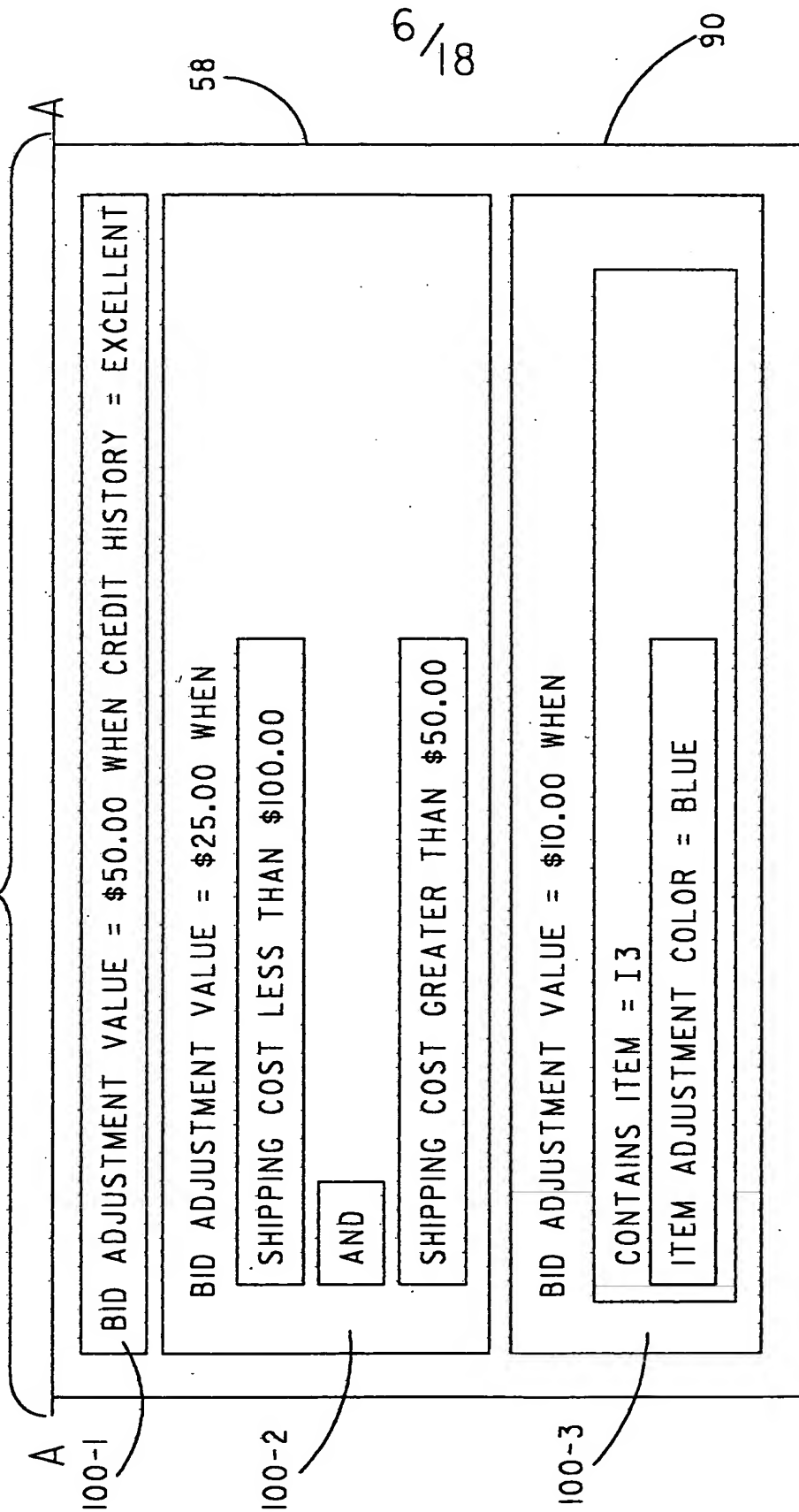


FIG. 6b

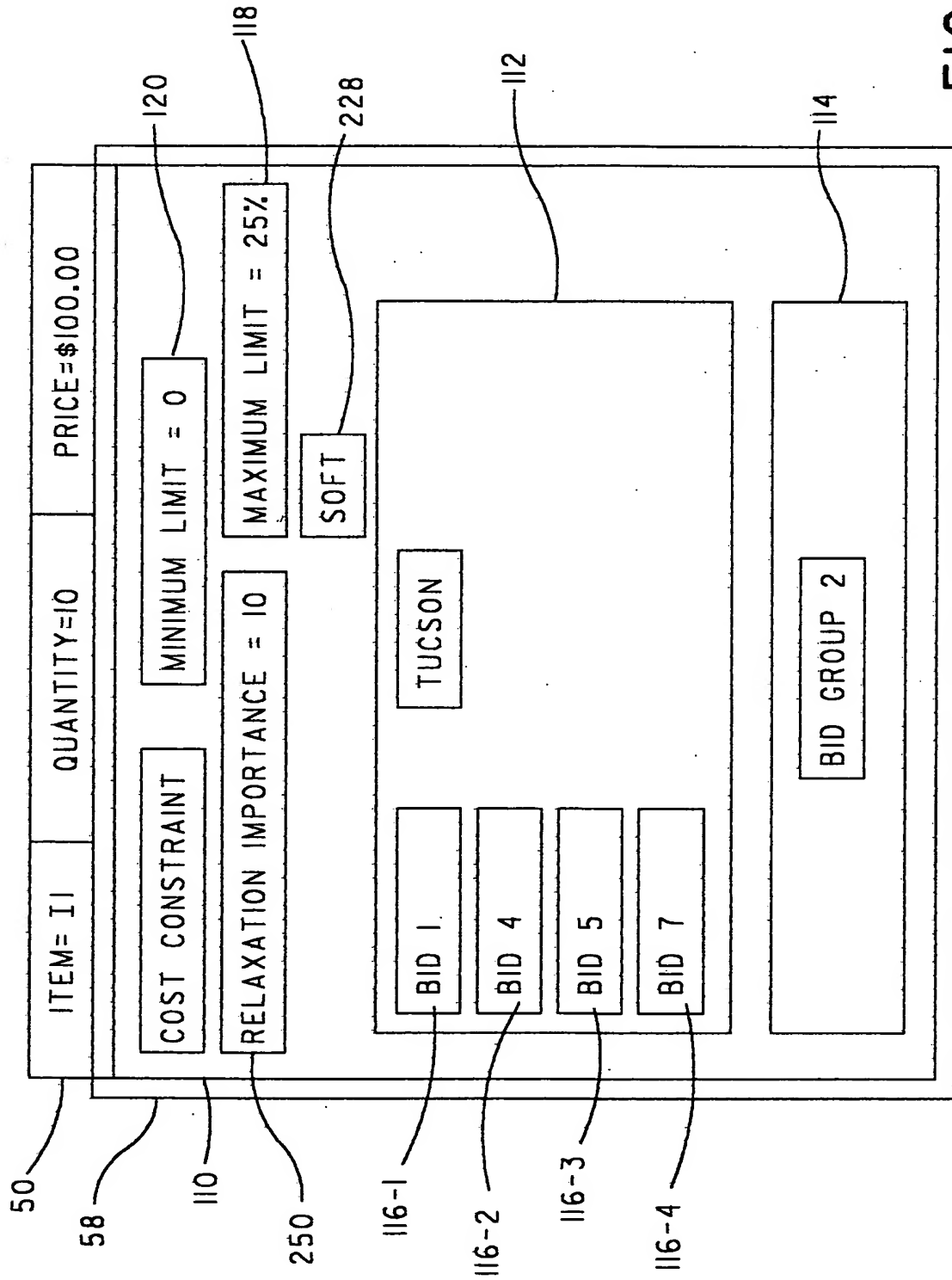


FIG. 7a

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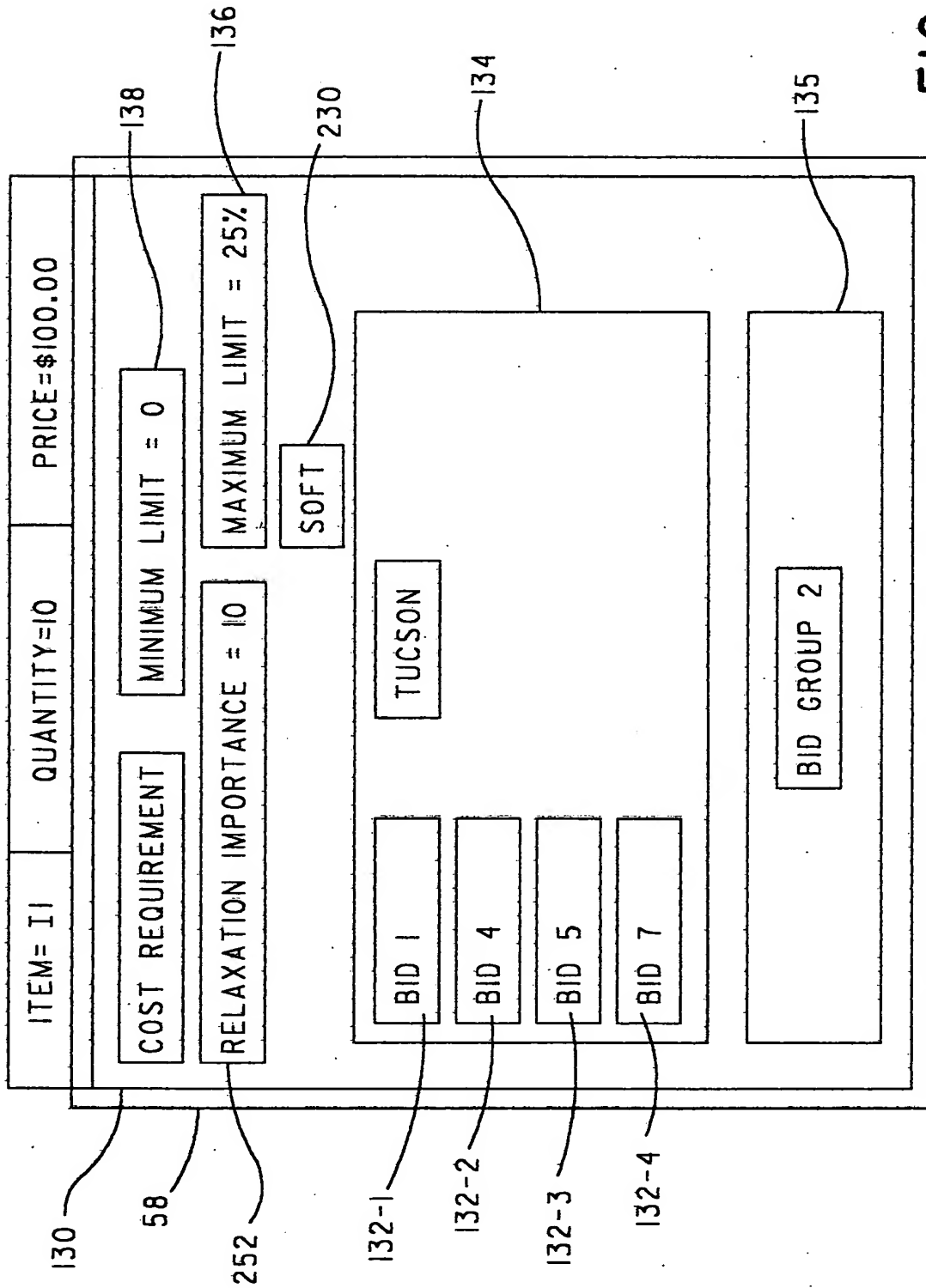


FIG. 7b

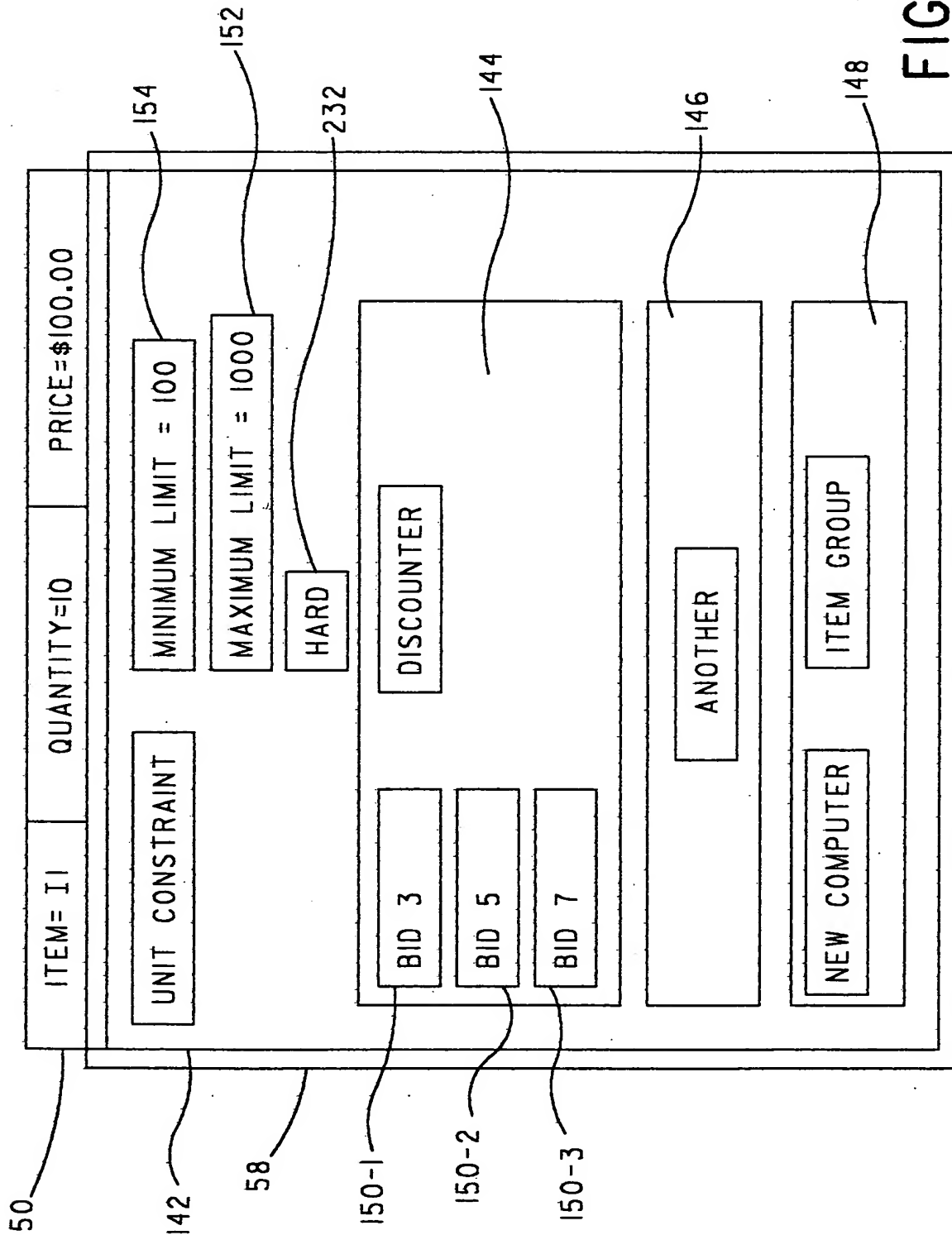


FIG. 8a

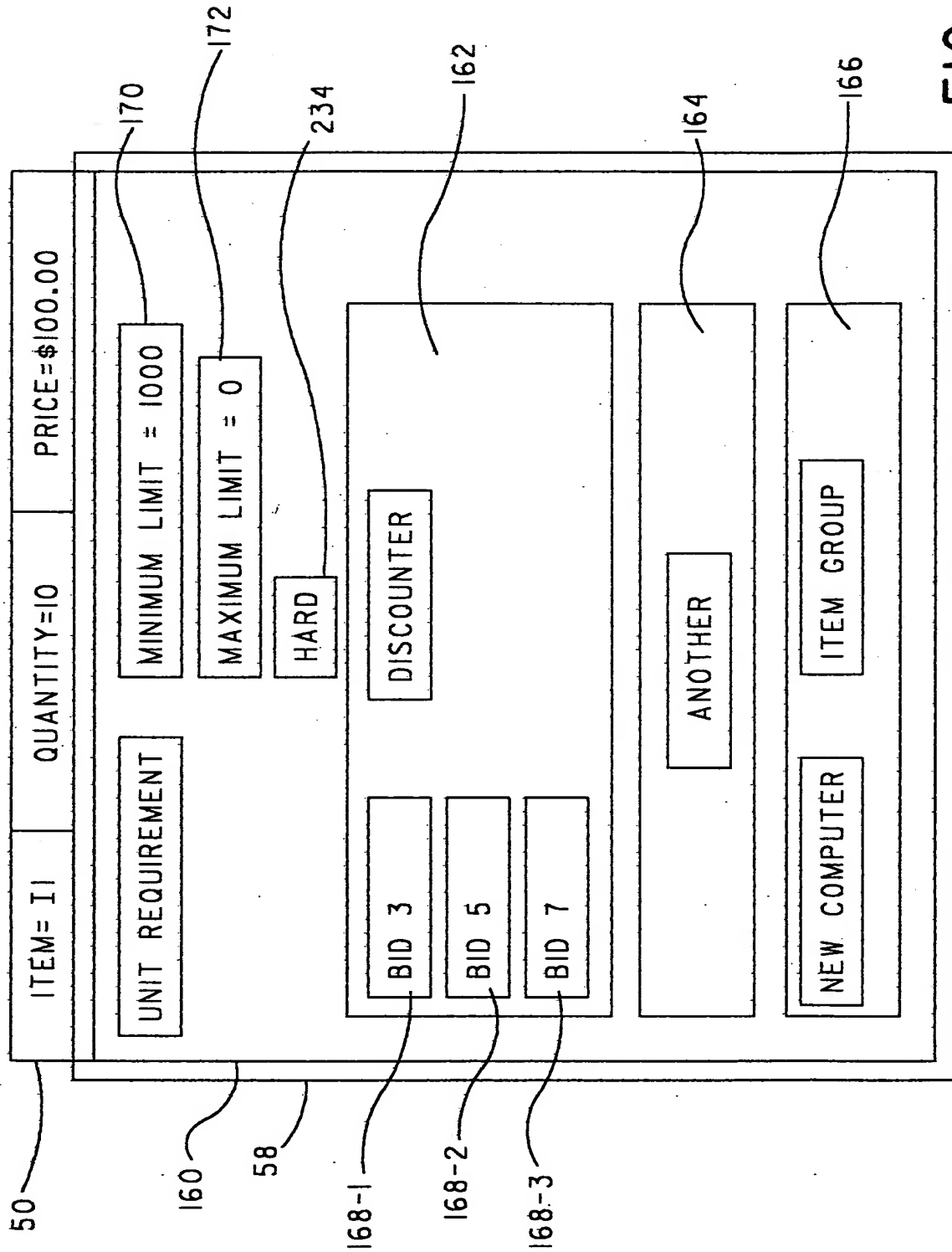


FIG. 8b

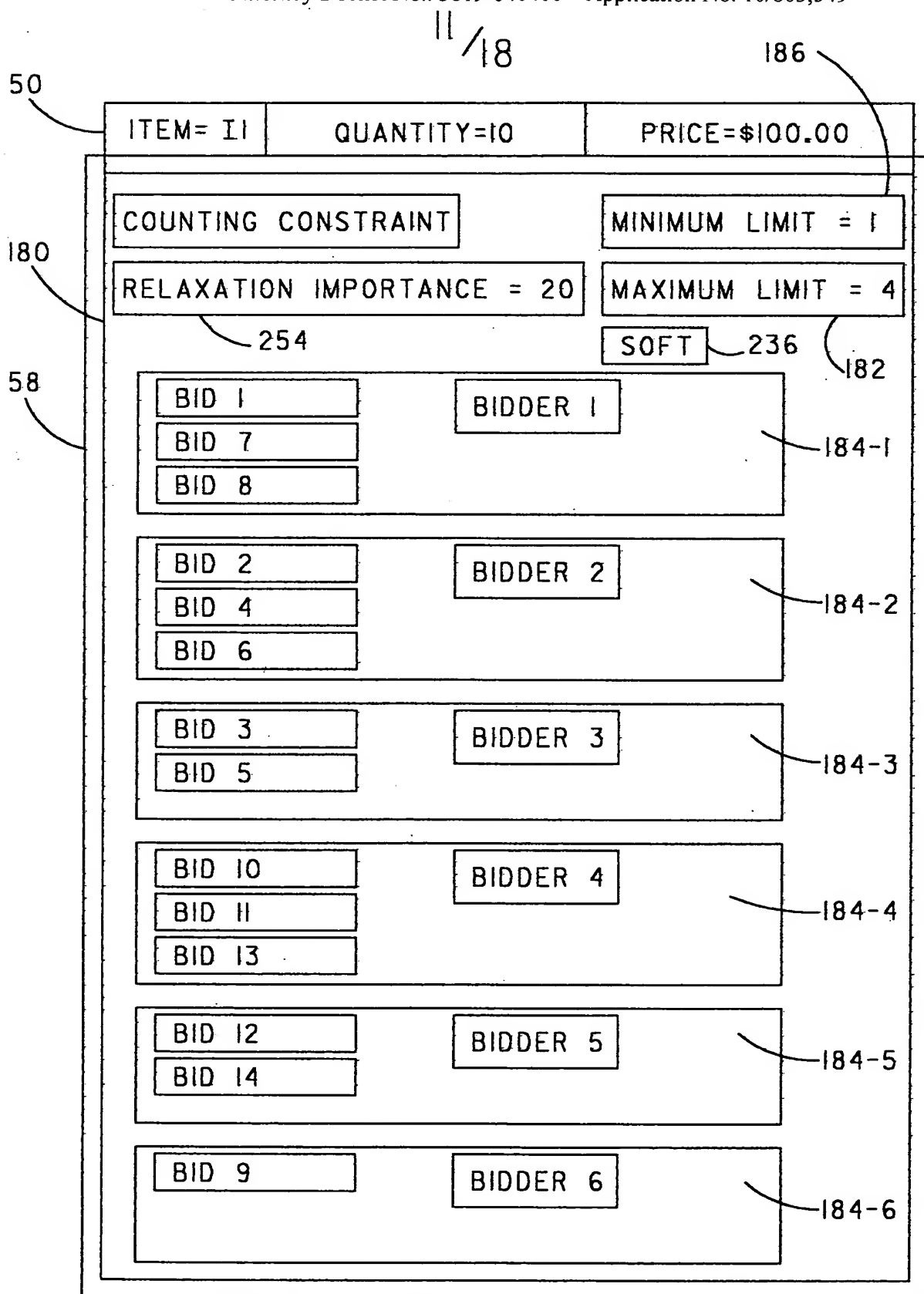


FIG. 9a

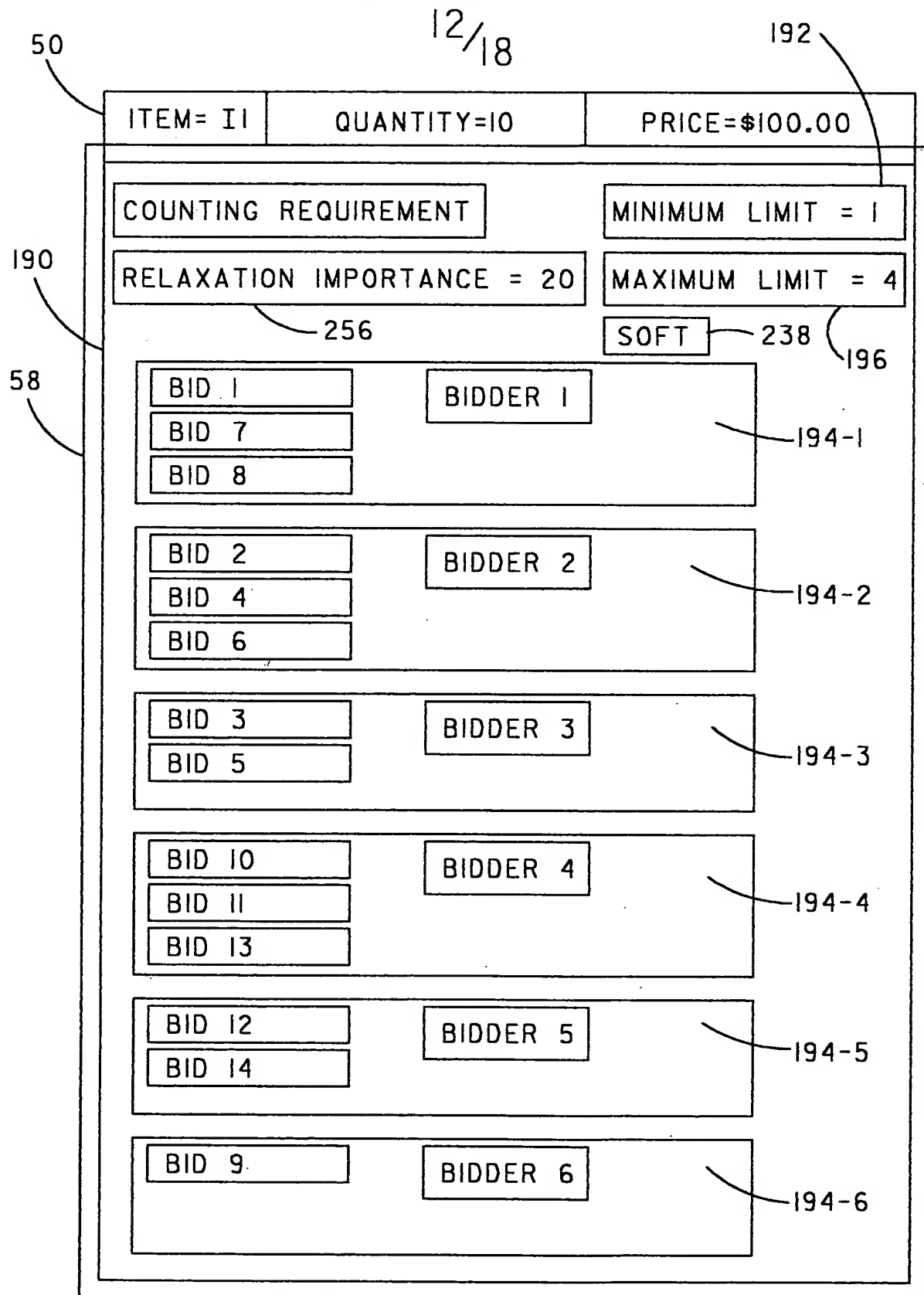


FIG. 9b

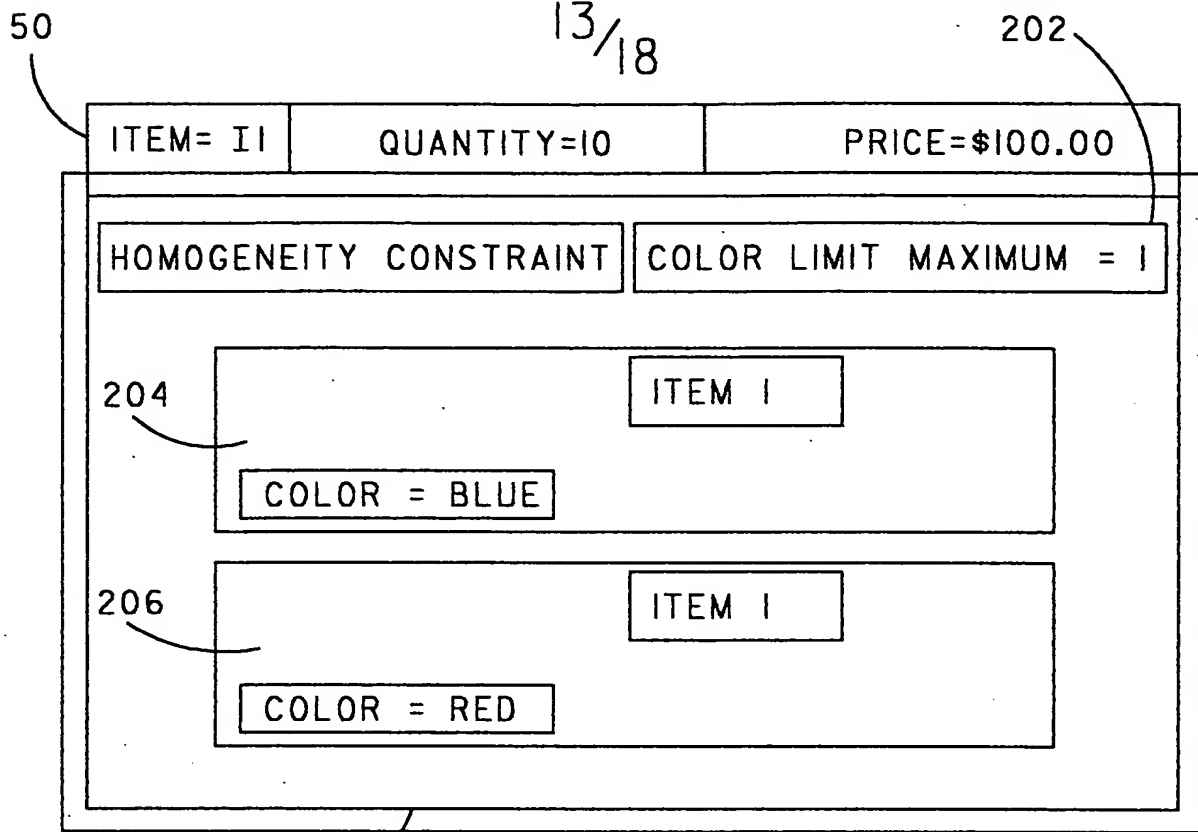


FIG. 10

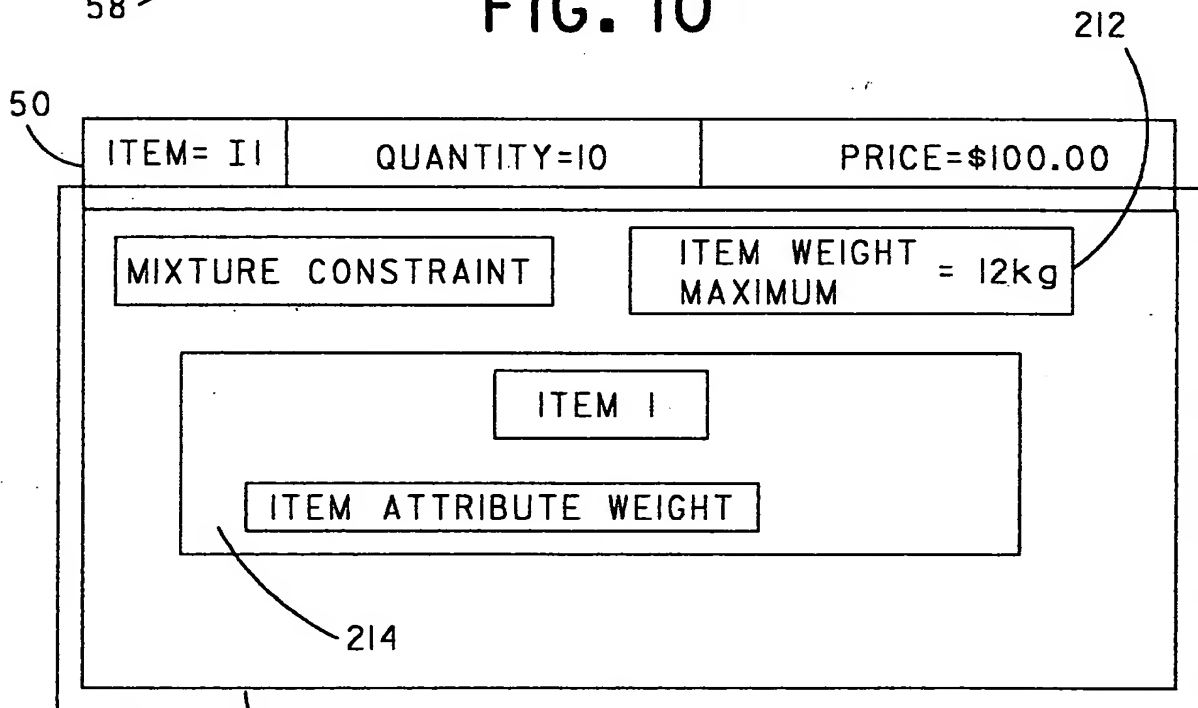


FIG. II

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50

ITEM= I1	QUANTITY=10	PRICE=\$100.00				
272 COST CONDITIONAL PRICING						
58-1 FIRST BID GROUP BUYER A						
274 <table border="1"><tr><td>BID 1</td></tr><tr><td>BID 2</td></tr><tr><td>BID 3</td></tr></table>			BID 1	BID 2	BID 3	
BID 1						
BID 2						
BID 3						
276 SECOND BID GROUP <table border="1"><tr><td>EMPTY</td></tr></table>			EMPTY			
EMPTY						
278 MODIFICATIONS <table border="1"><tr><td>VALUE CHANGE = \$20</td><td>VOLUME = \$1000</td></tr><tr><td>VALUE CHANGE = \$50</td><td>VOLUME = \$2000</td></tr></table>			VALUE CHANGE = \$20	VOLUME = \$1000	VALUE CHANGE = \$50	VOLUME = \$2000
VALUE CHANGE = \$20	VOLUME = \$1000					
VALUE CHANGE = \$50	VOLUME = \$2000					

FIG. 12

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50

ITEM= II	QUANTITY=10	PRICE=\$100.00
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280

UNIT CONDITIONAL PRICING	
BUYER A	
282	BID 1
	BID 2
58-1	BID 3
284	EMPTY
286	VALUE CHANGE = \$20 VOLUME = \$1000
288	VALUE CHANGE = \$50 VOLUME = \$2000
MODIFICATIONS	
290	ITEM A
MODIFICATIONS	
292	EMPTY

FIG. 13

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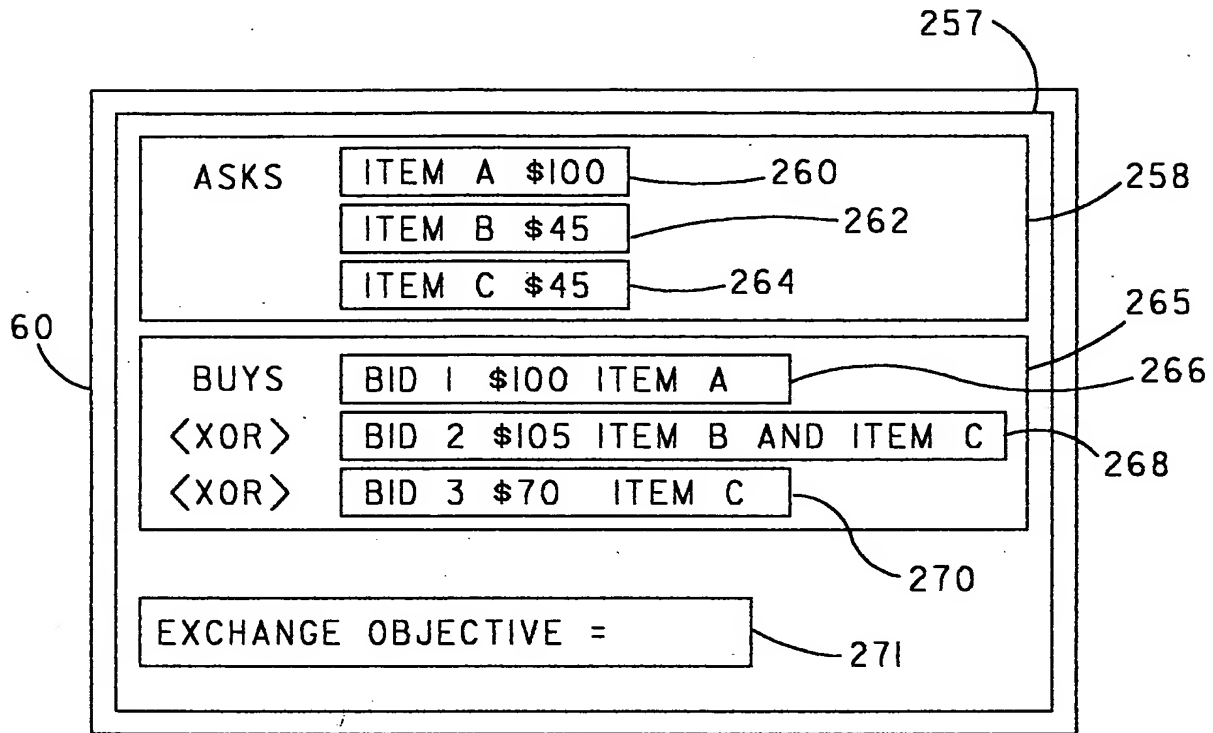


FIG. 14

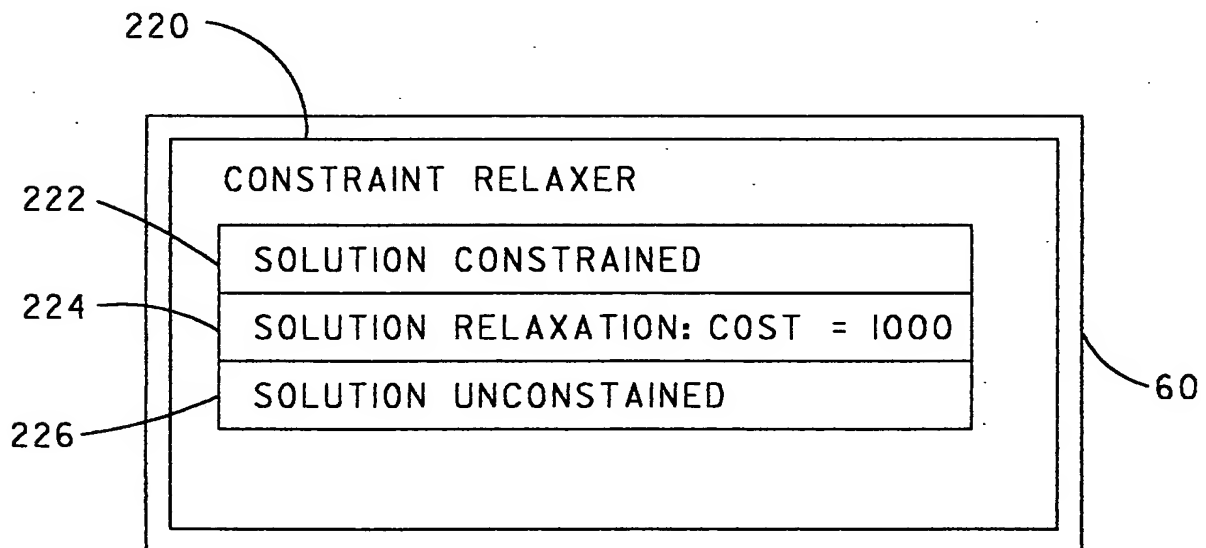


FIG. 15

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ALLOCATION CONSTRAINED		240
BID 5	VALUE = \$1000.00	
BID 10		
BID 15		
ALLOCATION RELAXATION : COST = 1000		242
BID 5	VALUE = \$4000.00	
BID 10		
BID 15		
BID 20		
BID 25		
ALLOCATION UNCONSTRAINED		244
BID 5	VALUE = \$5000.00	
BID 15		
BID 30		
BID 35		
BID 45		
BID 55		

FIG. 16

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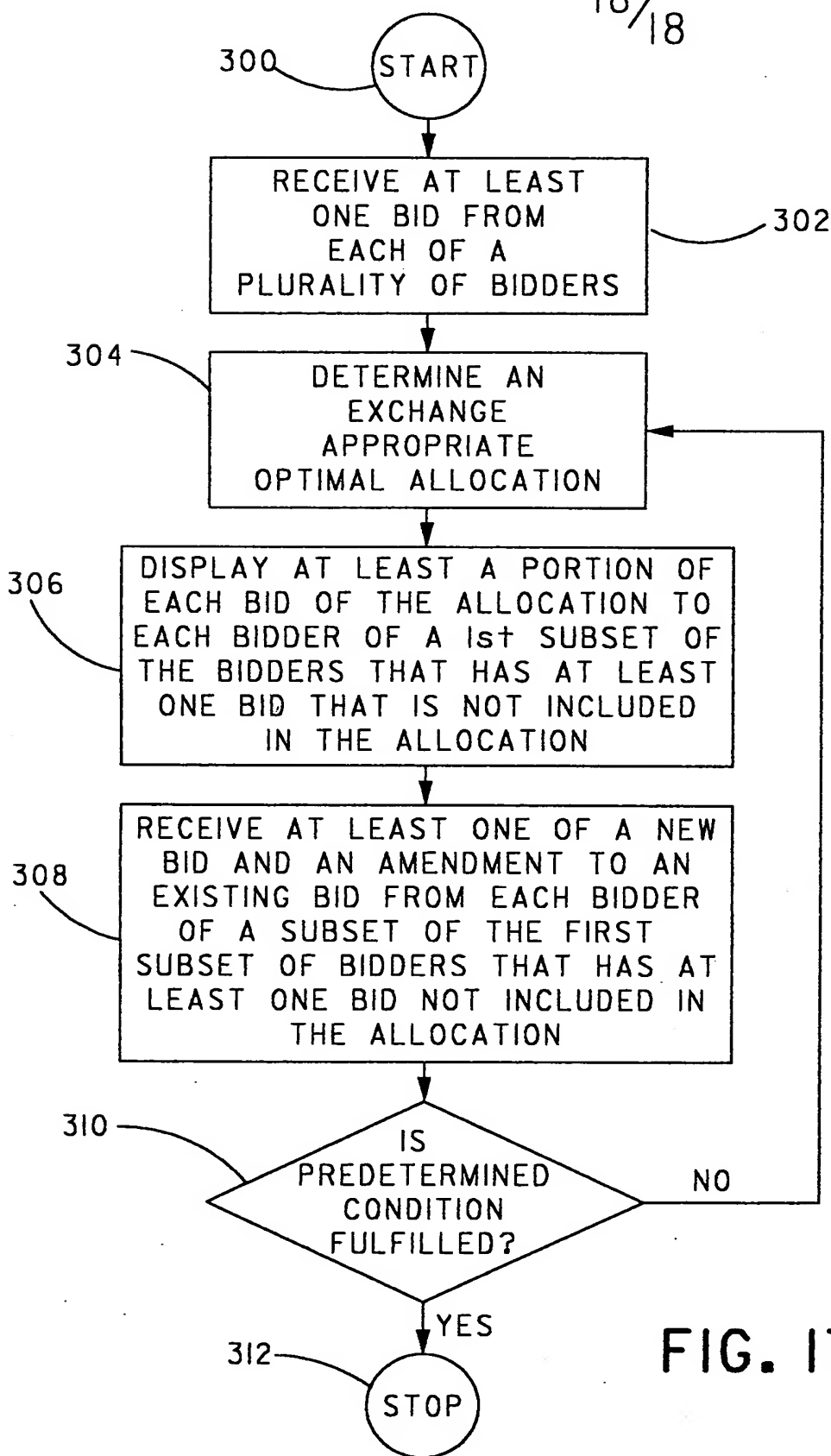


FIG. 17